



11 JAN 1989

49836 5HS-11

Ms. Kate Lynnes  
Project Manager  
W.W. Engineering and Science  
5555 Glenwood Hills Pkwy. S. E.  
Grand Rapids, MI 49508

Re: Skinner Landfill  
West Chester, Ohio

Dear Ms. Lynnes:

The development of an approvable Quality Assurance Project Plan (QAPP) is mandatory to conduct a U.S. Environmental Protection Agency (U.S. EPA) Remedial Investigation (RI). To facilitate a smooth development and finalization of the QAPP, a "pre-QAPP meeting" must be scheduled before drafting the QAPP among the U.S. EPA-Waste Management Division and Environmental Services Division, U.S. EPA contractor and if appropriate State personnel. This meeting will detail analytical data needs, clarify the sixteen elements of the QAPP and culminates in the production of a technical summary memorandum which specifies selected analytical methods, associated QA/QC, and administrative elements.

Please note that a QAPP has been approved for phase I RI activities. A supplemental QAPP has also been approved for purposes of partially completing phase II activities. I anticipate that a "mini QAPP" will be appropriate for purposes of completing phase II RI activities because most of the critical elements of this QAPP will be consistent with previous QAPP efforts. However, major revisions of previously approved Special Analytical Services (SAS's) will be necessary. Additional SAS's will also be necessary to analyze for incineration parameters, and dioxin. Please review the attached updated SAS's and consider improvements that will be necessary prior to or at the pre-QAPP meeting tentatively scheduled for February 2, 1989.

Your cooperation and attention to this matter is vital for a productive pre-QAPP meeting and smooth approval of the mini-QAPP. Should you have any questions please call me at 312/353-6083.

Sincerely,

F

Re

cc: Alwan Alwan, CRL  
Mike Starkey, OEPA, SWDO  
George Schups, QAO

JB,  
4/6/88

5HS-11:RERB:MN/OH:UNIT#2:F.BARTMAN:DISK#1:QAPP.1:1/5/89

J.S. Environmental Protection Agency  
CLP Sample Management Office  
P.O. Box 818, Alexandria, Virginia 22313  
PHONE: (703)/557-2490 or FTS/557-2490

SAS Number

SPECIAL ANALYTICAL SERVICES  
Client Request

☐

Regional Transmittal

☐

Telephone Request

EPA Region/Client: Skinner Landfill, Region V

B. RSCC Representative: Dennis Wesolowski

C. Telephone Number: 312-886-1971

D. Date of Request: June 13, 1986

E. Site Name: Skinner Landfill

Please provide below a description of your request for Special Analytical Services under the Contract Laboratory Program. In order to most efficiently obtain laboratory capability your request, please address the following considerations, if applicable. Incomplete or erroneous information may result in delay in the processing of your request. Please continue response on additional sheets, or attach supplementary information as needed.

1. General description of analytical service requested: Preparation of high hazard  
extracts according to procedures described in SAS 1997I.

2. Definition and number of work units involved (specify whether whole samples or fractions; whether organics or inorganics; whether aqueous or soil and sediments; and whether low, medium, or high concentration):

Total of 59 High Hazard Extracts (53 investigative samples, 6 field duplicates)

3. Purpose of analysis (specify whether Superfund (Remedial or Enforcement), RCRA, NPDES, etc.):

Superfund RI/FS activity at Fund-lead site

4. Estimated date(s) of collection: \_\_\_\_\_
5. Estimated date(s) and method of shipment: from HSL
6. Number of days analysis and data required after laboratory receipt of samples:  
45 days
7. Analytical protocol required (attach copy if other than a protocol currently used in this program):  
Analytical Procedures described in SAS 1997I  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Special technical instruction (if outside protocol requirements, specify compound names, CAS numbers, detection limits, etc.): Add the following compounds to calibration standards (if authentic standards are available): Hexachloronorboradiene, Octachlorocyclopentene, Heptachloronorbornene, Chlordane  
These compounds should be added to matrix spike/matrix spike duplicate/matrix spike triplicate at a frequency of once per case or once per batch of 20 samples whichever is fewer. These four compounds should be added to the method validation required by SAS 1997I.
9. Analytical results required (if known, specify format for data sheets, QA/QC reports, Chain-of-Custody documentation, etc.). If not completed, format of results will be left to program discretion.  
As required by SAS 1997I, Section B  
\_\_\_\_\_  
\_\_\_\_\_
10. Other (use additional sheets or attach supplementary information, as needed):  
\_\_\_\_\_
11. Name of sampling/shipping contact: Vendo Denver CO

## I. DATA REQUIREMENTS

<u>Parameter:</u>	<u>Detection Limit</u>	<u>Precision Desired</u> <u>(+/- or Conc.)</u>
<u>Hexachloronorboradiene</u>	<u>As determined</u>	<u>As determined</u>
<u>Octachlorocyclopentene</u>	<u>in initial method</u>	<u>in initial method</u>
<u>Heptachloronorborene</u>	<u>validation required</u>	<u>validation required</u>
<u>Chlordene</u>	<u>by SAS 1997I</u>	<u>by SAS 1997I</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

## II. QC REQUIREMENTS

<u>Audits Required</u>	<u>Frequency of Audits</u>	<u>Limits* (% or Conc.)</u>
<u>Matrix Spike (all target compounds)</u>	<u>With each batch of samples</u>	<u>As per requirements</u>
<u>Matrix Spike Duplicate</u>	<u>or with every 20 samples</u>	<u>in Section E of</u>
<u>Matrix Spike Triplicate</u>	<u>whichever is fewer</u>	<u>SAS 1997I</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

I. ACTION REQUIRED IF LIMITS ARE EXCEEDED:

As described in Section E of SAS 1997I.

Contact Dennis Wesolowski - Region V EPA (312) 886-1971

Please return this request to the Sample Management Office as soon as possible to expedite processing of your request for special analytical services. Should you have any questions or need any assistance, please call the Sample Management Office.

U.S. Environmental Protection Agency --  
CLP Sample Management Office  
P. O. Box 818, Alexandria, Virginia 22313  
PHONE: (703)/557-2490 or FTS/557-2490

SAS Number

SPECIAL ANALYTICAL SERVICES  
Client Request

☐ Regional Transmittal ☐ Telephone Request

- A. EPA Region/Client: Region V, Skinner Landfill
- B. RSCC Representative: Dennis Wesolowski
- C. Telephone Number: 312- 886-1971
- D. Date of Request: June 13, 1984
- E. Site Name: Skinner Landfill

Please provide below a description of your request for Special Analytical Services under the Contract Laboratory Program. In order to most efficiently obtain laboratory capability your request, please address the following considerations, if applicable. Incomplete or erroneous information may result in delay in the processing of your request. Please continue response on additional sheets, or attach supplementary information as needed.

1. General description of analytical service requested: Analysis of high hazard sample for inorganic HSL analytes using procedures described in SAS 1762I.
2. Definition and number of work units involved (specify whether whole samples or fractions; whether organics or inorganics; whether aqueous or soil and sediments; and whether low, medium, or high concentration):  
59 High Hazard Samples (53 investigative samples, 6 field duplicates)
3. Purpose of analysis (specify whether Superfund (Remedial or Enforcement), RCRA, NPDES, etc.):  
Superfund RI/FS activity @ Fund Lead Site

4. Estimated date(s) of collection: \_\_\_\_\_
5. Estimated date(s) and method of shipment: from HSL
6. Number of days analysis and data required after laboratory receipt of samples:  
45 days
7. Analytical protocol required (attach copy if other than a protocol currently used in this program):  
As described in SAS 1762I  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Special technical instruction (if outside protocol requirements, specify compound names, CAS numbers, detection limits, etc.): As described in SAS 1762I  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. Analytical results required (if known, specify format for data sheets, OA/OC reports, Chain-of-Custody documentation, etc.). If not completed, format of results will be left to program discretion.  
As described in SAS 1762I  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
10. Other (use additional sheets or attach supplementary information, as needed):  
\_\_\_\_\_
11. Name of sampling/shipping contact: Wendy Newar, COM

I. DATA REQUIREMENTS

<u>Parameter:</u>	<u>Detection Limit</u>	<u>Precision Desired</u> <u>(+/- % or Conc.)</u>
<u>According to SAS 1762I</u>		

II. QC REQUIREMENTS

<u>Audits Required</u>	<u>Frequency of Audits</u>	<u>Limits* (% or Conc.)</u>
<u>According to SAS 1762I</u>		

II. ACTION REQUIRED IF LIMITS ARE EXCEEDED:

Notifv: Dennis Wesolowski - Region V EPA (312) 886-1971

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Please return this request to the Sample Management Office as soon as possible to expedite processing of your request for special analytical services. Should you have any questions or need any assistance, please call the Sample Management Office.

U.S. Environmental Protection Agency  
CLP Sample Management Office  
P. O. Box 818, Alexandria, Virginia 22313  
PHONE: (703)/557-2490 or FTS/557-2490

SAS Number

SPECIAL ANALYTICAL SERVICES  
Client Request

☐ Regional Transmittal ☐ Telephone Request

A. EPA Region/Client: Region V, Skinner Landfill

B. RSCC Representative: Dennis Wesulowski

C. Telephone Number: 312- 886 - 1971

D. Date of Request: June 13, 1986

E. Site Name: Skinner Landfill

Please provide below a description of your request for Special Analytical Services under the Contract Laboratory Program. In order to most efficiently obtain laboratory capability your request, please address the following considerations, if applicable. Incomplete or erroneous information may result in delay in the processing of your request. Please continue response on additional sheets, or attach supplementary information as needed.

1. General description of analytical service requested: Analysis of High Hazard

Extracts for organic HSL compounds including library searching of 10 non-HSL peaks  
in VOA analysis and 30 non-HSL compounds in B/N/A fraction. Also includes special  
pesticide analysis as outlined in Tables I and II.

2. Definition and number of work units involved (specify whether whole samples or fractions; whether organics or inorganics; whether aqueous or soil and sediments; and whether low, medium, or high concentration):

59 High Hazard Extracts (53 investigative samples, 6 field duplicates) 37 of which  
will include additional pesticide analysis (33 investigative samples, 4 field  
duplicates)

3. Purpose of analysis (specify whether Superfund (Remedial or Enforcement), RCRA, NPDES, etc.):

Superfund RI/FS at Fund-lead site



4. Estimated date(s) of collection: \_\_\_\_\_
5. Estimated date(s) and method of shipment: from HSL
6. Number of days analysis and data required after laboratory receipt: 45 days
7. Analytical protocol required (attach copy if other than a protocol for this program):  
According to procedures in SAS 1997I  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Special technical instruction (if outside protocol requirements, specify names, CAS numbers, detection limits, etc.): Note A: Identification compounds in the VOA and B/N/A fraction using GC/MS computerized library will conform to the identification criteria given in Section D of the SAS. Note B: Analyse for the compounds in table I initially using SOW for pesticides. For any samples where compounds are found in quantities less than the requested detection limit for GC/MS (Table I) these samples will be analysed by GC/MS according to SOW for A/B/N fraction. Pesticide protocol (GC/EC) as per C1 WA-85 J664/730 and Base/Neutral/Acid extractable protocol (GC/MS) as per C1
9. Analytical results required (if known, specify format for data sheets, Chain-of-Custody documentation, etc.). If not completed, format of results left to program discretion.  
As required by SAS 1997I, Section B  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
10. Other (use additional sheets or attach supplementary information, as needed): \_\_\_\_\_
11. Name of sampling/shipping contact: Wendy Dewar CDM  
Phone: 312- 744- 0000

## I. DATA REQUIREMENTS

Parameter:

### Detection Limit

Precision Desired  
(+ % or Conc.)

As required by SAS 1997I

See Table I

## II. QC REQUIREMENTS

## Audits Required

### Frequency of Audits

Limits\* (% or Conc.)

As required by SAS 1997I

See Table II

1. ACTION REQUIRED IF LIMITS ARE EXCEEDED:

Contact Dennis Wesolowski - Region V EPA (312) 886-1971

Please return this request to the Sample Management Office as soon as possible to expedite processing of your request for special analytical services. Should you have any questions or need any assistance, please call the Sample Management Office.

TABLE I

Task: Analysis of soil extracts for seven organochloride hydrocarbons, 3 of which are currently HSL compounds and 4 of which are not. To be analyzed using GC/EC and GC/MS.

<u>Compound</u>	<u>Requested Limit for GC/EC (ug/l)</u>	<u>Requested Limit for GC/MS (ug/l)</u>
Hexachlorobenzene	0.05	1.5
Hexachlorocyclopentadiene	0.10	2.0
Hexachlorobutadiene	0.05	1.0
Hexachloronorboradiene	0.05	1.0
Octachlorocyclopentene	0.05	1.0
Heptachloronorbornene	0.05	1.0
Chlordene	0.05	1.0

TABLE II

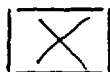
## QC LEVEL OF EFFORT FOR CRL ANALYTICAL SERVICES

<u>Method of Analysis</u>	<u>Lab Blanks</u>	<u>Spikes or Surrogates/Spikes</u>	<u>Lab Duplicates</u>	<u>Matrix Spike Duplicate</u>
GC/MS	One per set of samples or a minimum of 1 in 10	Surrogates added to each sample and matrix spikes added to one sample per set	NR	One per set of samples or a minimum of 1 in 10
GC/EC	One per set of samples or a minimum of 1 in 10	One spike per set of samples or a minimum of 1 in 10	One per set of samples or a minimum of 10	One per set of samples or a minimum of 1 in 10

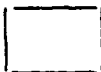
U.S. Environmental Protection Agency --  
CLP Sample Management Office  
P. O. Box 818, Alexandria, Virginia 22313  
PHONE: (703)/557-2490 or FTS/557-2490

SAS Number

SPECIAL ANALYTICAL SERVICES  
Client Request



Regional Transmittal



Telephone Request

A. EPA Region/Client: EPA Region V, Skinner Landfill

B. RSCC Representative: Dennis Wesolowski

C. Telephone Number: 312- 886 - 1971

D. Date of Request: June 13, 1986

E. Site Name: SKinner Landfill

Please provide below a description of your request for Special Analytical Services under the Contract Laboratory Program. In order to most efficiently obtain laboratory capability your request, please address the following considerations, if applicable. Incomplete or erroneous information may result in delay in the processing of your request. Please continue response on additional sheets, or attach supplementary information as needed.

1. General description of analytical service requested: Analysis of samples for CLP

organics package including library search of 10 non-HSL peaks in VOA  
analysis and 30 non-HSL compounds in A/B/N fraction. Also includes  
special pesticide analysis as outlined in Tables I and II.

2. Definition and number of work units involved (specify whether whole samples or fractions; whether organics or inorganics; whether aqueous or soil and sediments; and whether low, medium, or high concentration):

24 Medium Hazard Soil Samples (22 Investigative, 2 Duplicate)

3. Purpose of analysis (specify whether Superfund (Remedial or Enforcement), RCRA, NPDES, etc.):

Superfund RI/FS Activity at Fund -lead Site

4. Estimated date(s) of collection: \_\_\_\_\_
5. Estimated date(s) and method of shipment: \_\_\_\_\_
6. Number of days analysis and data required after laboratory receipt of samples:  
45 days
7. Analytical protocol required (attach copy if other than a protocol currently used in this program):  
Pesticide protocols (GC/EC) per CLP SOW WA-<sup>85-J664/J680</sup> and Acid/Base/Neutral extractable  
protocols (GC/MS) per CLP SOW WA-<sup>85-J664/J680</sup> Analyze for the compounds in Table I initially  
using GC/EC according to SOW for pesticides. For any samples where compounds are found  
in quantities greater than the requested detection limit for GC/MS (Table I) these samples  
must be run using GC/MS according to SOW for AB/M fraction.
8. Special technical instruction (if outside protocol requirements, specify compound names, CAS numbers, detection limits, etc.): The following compounds should be added  
to the IFB calibration standards and matrix spike compounds for each method:  
Hexachloronorboradiene, Oclocholorocyclopenton, Heplachloronorborene, Chlordene
9. Analytical results required (if known, specify format for data sheets, OA/OC reports, Chain-of-Custody documentation, etc.). If not completed, format of results will be left to program discretion.  
As per SOW WA85- J 664/J680
10. Other (use additional sheets or attach supplementary information, as needed): \_\_\_\_\_
11. Name of sampling/shipping contact: Wendy Demar, CDM

I. DATA REQUIREMENTS

<u>Parameter:</u>	<u>Detection Limit</u>	<u>Precision Desired</u> <u>(+/- or Conc.)</u>
<u>See Table I</u>		<u>As defined for HSL</u>
		<u>organochlorine pesticides</u>
		<u>in RAS-SOW WA85-J 664 /J680</u>

II. QC REQUIREMENTS

<u>Audits Required</u>	<u>Frequency of Audits</u>	<u>Limits* (% or Conc.)</u>
<u>See Table II</u>		

I I. ACTION REQUIRED IF LIMITS ARE EXCEEDED:

Contact Dennis Wesolowski - Region V EPA (312) 886-1971

Please return this request to the Sample Management Office as soon as possible to expedite processing of your request for special analytical services. Should you have any questions or need any assistance, please call the Sample Management Office.

TABLE I

Task: Analysis of soil extracts for seven organochloride hydrocarbons, 3 of which are currently HSL compounds and 4 of which are not. To be analyzed using GC/EC and GC/MS.

<u>Compound</u>	<u>Requested Limit for GC/EC (ug/l)</u>	<u>Requested Limit for GC/MS (ug/l)</u>
Hexachlorobenzene	0.05	1.5
Hexachlorocyclopentadiene	0.10	2.0
Hexachlorobutadiene	0.05	1.0
Hexachloronorboradiene	0.05	1.0
Octachlorocyclopentene	0.05	1.0
Heptachloronorbornene	0.05	1.0
Chlordene	0.05	1.0



TABLE II  
QC LEVEL OF EFFORT FOR CLP ANALYTICAL SERVICES

<u>Method of Analysis</u>	<u>Lab Blanks</u>	<u>Spikes or Surrogates/Spikes</u>	<u>Lab Duplicates</u>	<u>Matrix Spike Duplicate</u>
GC/MS	One per set of samples or a minimum of 1 in 10	Surrogates added to each sample and matrix spikes added to one sample per set	NR	One per set of samples or a minimum of 1 in 10
GC/EC	One per set of samples or a minimum of 1 in 10	One spike per set of samples or a minimum of 1 in 10	One per set of samples or a minimum of 10	One per set of samples or a minimum of 1 in 10

*filed in Skinner v. Union Township*  
**County of Butler**

No 0000092

99824



**BOARD OF HEALTH**  
**Combined General Health District**  
**BUTLER COUNTY ADMINISTRATION CENTER**  
130 HIGH STREET  
HAMILTON, OHIO 45011  
PHONE 844-8100



RECEIVED

November 4, 1988

ENVIRONMENTAL PROTECTION AGENCY  
REGIONAL OFFICE  
CINCINNATI, OHIO

Victoria Daiker  
Assistant Butler County Prosecutor  
Butler County Prosecutor's Office  
216 Society Bank Building  
Hamilton, Ohio 45011

Re: Skinner Dump (Superfund Site)  
Cincinnati Dayton Road, Union Township, Butler County, Ohio

Dear Mrs. Daiker:

Over the past several years, the Skinner Dump has been a concern of the Ohio Environmental Protection Agency, Federal Environmental Protection Agency, and the Butler County Health Department in that toxic and regulated waste have been deposited at this site.

Presently this is a Superfund Site as confirmed by the Ohio and Federal Environmental Protection Agencies.

To the best of my knowledge no toxic or hazardous waste has been deposited at this site in recent years, however, the site is accepting restricted waste as noted by the Ohio Environmental Protection Agency and the Butler County Health Department.

The owner(s) have been notified concerning the matter of accepting regulated solid waste. They have continued this practice over the past several months even though they have been put on notice not to accept regulated waste such as tires, packaging material, plastics, and material unrelated to demolition wastes.

The purpose of this letter is to request the Prosecutor's Office to seek and injunction to stop the dump from continuing the practice of allowing regulated solid waste from being deposited at this site.

EXHIBIT 7

Victoria Daiker

2

November 4, 1988

We are prepared to offer testimony and other evidence of this violation. In essence they are operating a sanitary landfill without the necessary health permits or zoning approvals.

Sincerely,

Butler County Health Department  
By:

*Allan R Blevens, R.S.*

Allan R. Blevens, R.S.  
Chief of Environmental Services  
ARB:ct